

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A system for presenting a build plan of a product to a tool operator, the system comprising:
an input device for ~~allowing a user to enter product information and generating a~~
signal based on the entered product information;
an output device; and
a processor coupled to the output device and the input device, the processor
including:
a first component first means for selecting a build plan in response to entered
product information ~~based on the generated signal~~, the build plan includes
including tool information and and identified based on the entered product
information, ~~wherein the tool information includes a tool version~~ selected
identified from a plurality of tool versions; and
~~a second component second means~~ for outputting the selected build plan to a
tool operator. ~~the output device.~~
2. (Previously presented) The system of Claim 1, wherein the entered product
information includes a product line number of the product and information
identifying configuration of the product.
3. (Currently Amended) The system of Claim 2, wherein the second means
communicates ~~first component includes a third component for communicating~~
with a manufacturing system and a tool design system over a network, wherein
the manufacturing system enables creation of a build plan based on the product
line number of the product and information identifying configuration of the
product, and the tool design system enables association of tools with the build
plans based on the product line number of the product and information
identifying configuration of the product.
4. (Canceled).

5. (Previously presented) The system of Claim 1, wherein the tool information further includes tool component information.
6. (Original) The system of Claim 5, wherein the tool component information includes tool component version information.
7. (Currently Amended) The system of Claim ~~[[2]]~~ 1, wherein the first means ~~component~~ automatically selects the build plan based on the generated signal.
8. (Currently Amended) The system of Claim ~~[[2]]~~ 1, wherein the first means ~~component~~ includes a manufacturing component and a tool design component, wherein the manufacturing component enables creation of a build plan based on the product line number of the product and information identifying configuration of the product, and the tool design component enables association of tools with the build plans based on the product line number of the product and information identifying configuration of the product.
9. (Currently Amended) A method for outputting a build plan to a tool operator at an operator computer system ~~having an input and output device~~, the method comprising:
~~entering a receiving~~ product information from ~~at the input device of the operator computer system;~~
generating a signal based on the entered product information;
selecting a build plan based on the ~~generated signal~~ received product information, wherein the build plan includes tool information identified based on the ~~entered received~~ product information, and wherein the tool information includes a tool version identified from a plurality of tool versions; and
outputting the selected build plan to the operator computer system ~~output device~~.
10. (Currently Amended) The method of Claim 9, wherein the ~~entered received~~ product information includes a product line number of the product and information identifying configuration of the product.

11. (Currently Amended) The method of Claim 10, wherein selecting the build plan includes communicating with a manufacturing system and a tool design system, ~~over a network for receiving a build plan defined at the manufacturing system and the tool design system.~~
12. (Canceled).
13. (Previously presented) The method of Claim 9, wherein the tool information further includes tool component information.
14. (Original) The method of Claim 13, wherein the tool component information includes tool component version information.
15. (Original) The method of Claim 10, wherein selecting is performed automatically.
16. (Cancelled)
17. (Currently Amended) A method for outputting a build plan to a machine tool operator at an operator computer system ~~having an input and output device~~, the method comprising:
- entering a product line number of ~~[[the]]~~ a product and information identifying configuration of the product at the input device of the operator computer system;
- automatically receiving a build plan from a manufacturing system over a network connection, ~~the building~~ build plan based on the entered product line number of the product and information identifying configuration of the product; and
- outputting the received build plan to the operator computer system ~~output device~~,
- wherein the outputted build plan includes ~~[[tool]]~~ information about tools for performing machining operations on the product, at least some of the

tools having different versions for performing the same machining operation, the build plan also selecting tool versions for those tools having different versions, whereby the tool operator does not have to perform research in order to make proper tool selections, and a tool version associated with the entered product line number of the product and information identifying configuration of the product.

18. (Original) The method of Claim 17, wherein the tool information includes tool component information.

19. (Original) The method of Claim 18, wherein the tool component information includes tool component version information.

Claims 20-23 (Cancelled)

24. (New) A system comprising:

a plurality of tools for performing machining operations, at least some of the tools having different variations for performing the same machining operation;

a computer-based tool operator unit for submitting a request for a build plan, the request including product identification; and

means, responsive to the request, for providing the build plan to the tool operator unit, the build plan specifying a machining operation and a proper variation of a tool for performing the specified machining operation.

25. (New) The system of claim 24, wherein the build plan specifies changes in tool version if product design is revised.